



2018/0227(COD)

27.9.2018

AMENDMENTS

22 - 107

Draft opinion

Deirdre Clune

(PE627.011v01-00)

Establishing the Digital Europe programme for the period 2021-2027

Proposal for a regulation

(COM(2018)0434 – C8-0256/2018 – 2018/0227(COD))

Amendment 22
Maria Grapini

Proposal for a regulation
Recital 7

Text proposed by the Commission

(7) The European Council concluded in particular that the Union should urgently address emerging trends: this includes issues such as artificial intelligence and distributed ledgers technologies (e.g. blockchain), while at the same time ensuring a high level of data protection, digital rights and ethical standards. The European Council invited the Commission to put forward a European approach to artificial intelligence by early 2018 and called on the Commission to put forward the necessary initiatives for strengthening the framework conditions with a view to enable the EU to explore new markets through risk-based radical innovations and to reaffirm the leading role of its industry.

Amendment

(7) The European Council concluded in particular that the Union should urgently address emerging trends: this includes issues such as artificial intelligence and distributed ledgers technologies (e.g. blockchain), while at the same time ensuring a high level of data protection, digital rights, **copyright** and ethical standards. The European Council invited the Commission to put forward a European approach to artificial intelligence by early 2018 and called on the Commission to put forward the necessary initiatives for strengthening the framework conditions with a view to enable the EU to explore new markets through risk-based radical innovations and to reaffirm the leading role of its industry.

Or. ro

Amendment 23
Nicola Caputo

Proposal for a regulation
Recital 7 a (new)

Text proposed by the Commission

Amendment

(7a) For the implementation of the Programme, it is a prerequisite to invest in infrastructure in order to ensure an appropriate level of connectivity through 5G and ultra-fast broadband networks.

Or. it

Amendment 24
Jill Evans

Proposal for a regulation
Recital 8

Text proposed by the Commission

(8) The Commission's Communication on 'A new, modern Multiannual Financial Framework for a European Union that delivers efficiently on its priorities post-2020'⁵⁷ outlines among the options for the future financial framework a programme for Europe's digital transformations to deliver 'strong progress towards smart growth in areas such as high quality data infrastructure, connectivity and cybersecurity'. It would seek to secure European leadership in supercomputing, next generation internet, artificial intelligence, robotics and big data. It would reinforce the competitive position of industry and businesses in Europe across the digitised economy and would have a significant impact on filling the skills gap across the Union.

⁵⁷ COM(2018) 98 final

Amendment

(8) The Commission's Communication on 'A new, modern Multiannual Financial Framework for a European Union that delivers efficiently on its priorities post-2020'⁵⁷ outlines among the options for the future financial framework a programme for Europe's digital transformations to deliver 'strong progress towards smart growth in areas such as high quality data infrastructure, connectivity and cybersecurity'. It would seek to secure European leadership in supercomputing, next generation internet, artificial intelligence, robotics and big data. It would reinforce the competitive position of industry and businesses in Europe across the digitised economy and ***ensure its economic position vis-a-vis third countries, while creating new opportunities for SMEs and start-ups and fostering the emergence of new sustainable business models, including the development of the collaborative economy in the transport sector, and*** would have a significant impact on filling the skills gap across the Union.

⁵⁷ COM(2018) 98 final

Or. en

Amendment 25
Merja Kyllönen

Proposal for a regulation
Recital 8

Text proposed by the Commission

(8) The Commission's Communication on 'A new, modern Multiannual Financial Framework for a European Union that delivers efficiently on its priorities post-2020'⁵⁷ outlines among the options for the future financial framework a programme for Europe's digital transformations to deliver 'strong progress towards smart growth in areas such as high quality data infrastructure, connectivity and cybersecurity'. It would seek to secure European leadership in supercomputing, next generation internet, artificial intelligence, robotics and big data. It would reinforce the competitive position of industry and businesses in Europe across the digitised economy and would have a significant impact on filling the skills gap across the Union.

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(8) The Commission's Communication on 'A new, modern Multiannual Financial Framework for a European Union that delivers efficiently on its priorities post-2020'⁵⁷ outlines among the options for the future financial framework a programme for Europe's digital transformations to deliver 'strong progress towards smart growth in areas such as high quality, **high performance and interoperable** data infrastructure, connectivity and cybersecurity'. It would seek to secure European leadership in supercomputing, next generation internet, artificial intelligence, robotics and big data. It would reinforce the competitive position of industry and businesses in Europe across the digitised economy and would have a significant impact on filling the skills gap across the Union.

⁵⁷ COM(2018) 98 final

Or. en

Amendment 26
Dominique Riquet, Pavel Telička

Proposal for a regulation
Recital 8 a (new)

Text proposed by the Commission

Amendment

(8a) whereas in view of the delay in developing the Union's strategic digital capacities and the efforts made to remedy this, a budget commensurate with the ambitions of this programme and of at least EUR 9.2 billion should be guaranteed.

Or. fr

Amendment 27
Dominique Riquet, Pavel Telička

Proposal for a regulation
Recital 10

Text proposed by the Commission

(10) The general objective of the Programme should be to support the digital transformation of industry and to foster better exploitation of the industrial potential of policies of innovation, research and technological development, for the benefit of businesses and citizens all over the Union. The programme should be structured into five Specific Objectives reflecting key policy areas, namely: high-performance computing, cybersecurity, artificial intelligence, advanced digital skills, and deployment, best use of digital capacities and interoperability. For all these areas, the Programme should also aim at better aligning Union, Member States and regional policies, and pooling of private and industrial resources in order to increase investment *and* develop stronger synergies.

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Or. fr

Amendment 28
Maria Grapini

Proposal for a regulation
Recital 10

Text proposed by the Commission

(10) The general objective of the Programme should be to support the digital transformation of industry and to foster better exploitation of the industrial potential of policies of innovation, research and technological development, for the benefit of businesses and citizens all over

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the Union. The programme should be structured into five Specific Objectives reflecting key policy areas, namely: high-performance computing, cybersecurity, artificial intelligence, advanced digital skills, and deployment, best use of digital capacities and interoperability. For all these areas, the Programme should also aim at better aligning Union, Member States and regional policies, and pooling of private and industrial resources in order to increase investment and develop stronger synergies.

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Or. ro

Amendment 29
Dominique Riquet, Pavel Telička

Proposal for a regulation
Recital 12

Text proposed by the Commission

(12) The Programme should be implemented through projects reinforcing essential digital capacities and ***their wide use***. This should involve co-investments with Member States and, when needed, the private sector. This should notably require reaching a critical mass in procurement to obtain better value for money and guarantee that suppliers in Europe stay at the forefront of technology advancements.

Amendment

(12) The Programme should be implemented through projects reinforcing essential digital capacities and ***the Union's strategic autonomy***. This should involve co-investments with Member States and, when needed, the private sector. This should notably require reaching a critical mass in procurement to obtain better value for money and guarantee that suppliers in Europe stay at the forefront of technology advancements.

Or. fr

Amendment 30
Isabella De Monte

Proposal for a regulation
Recital 12

Text proposed by the Commission

(12) The Programme should be implemented through projects reinforcing essential digital capacities and their wide use. This should involve co-investments with Member States and, **when needed**, the private sector. This should notably require reaching a critical mass in procurement to obtain better value for money and guarantee that suppliers in Europe stay at the forefront of technology advancements.

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Or. it

Amendment 31
Dominique Riquet, Pavel Telička

Proposal for a regulation
Recital 14

Text proposed by the Commission

(14) The Programme's actions should be used to address market failures **or** sub-optimal investment situations, in a proportionate manner, without duplicating or crowding out private financing and have a clear European added value.

Amendment

(14) The Programme's actions should be used to address market failures **and** sub-optimal investment situations **and look ahead to the next stages of digital transformation**, in a proportionate manner, without duplicating or crowding out private financing and have a clear European added value.

Or. fr

Amendment 32
Evžen Tošenovský

Proposal for a regulation
Recital 17

Text proposed by the Commission

(17) The support to the Union's intervention in this area was expressed by the Council⁶⁰ and, by the European

Amendment

(17) The support to the Union's intervention in this area was expressed by the Council and, by the European

Parliament⁶¹. Moreover, in 2017 nine Member States signed the EuroHPC Declaration⁶², a multi-government agreement where they commit to collaborate with the Commission to build and deploy state-of-the-art HPC and data infrastructures in Europe that would be available across the Union for scientific communities, public and private partners.

Parliament. Moreover, in 2017 nine Member States, ***and since then another thirteen Member States***, signed the EuroHPC Declaration (***by September 2018, two other Member States committed to join***), a multi-government agreement where they commit to collaborate with the Commission to build and deploy state-of-the-art HPC and data infrastructures in Europe that would be available across the Union for scientific communities, public and private partners.

Or. en

Amendment 33

Dominique Riquet, Pavel Telička

Proposal for a regulation

Recital 19

Text proposed by the Commission

(19) Developing capacity related to artificial intelligence is a crucial driver for the digital transformation of industry and also of the public sector. Ever more autonomous robots are used in factories, deep sea application, homes, cities and hospitals. Commercial artificial intelligence platforms have moved from testing to real applications in health and environment; all major car manufacturers are developing self-driving cars, and machine learning techniques are at the heart of all main web platforms and big data applications.

Amendment

(19) Developing capacity related to artificial intelligence is a crucial driver for the digital transformation of industry and also of the public sector. Ever more autonomous robots are used in factories, ***the logistics chain***, deep sea application, homes, cities and hospitals. Commercial artificial intelligence platforms have moved from testing to real applications in health and environment; all major car manufacturers are developing self-driving cars, and machine learning techniques are at the heart of all main web platforms and big data applications.

Or. fr

Amendment 34

Isabella De Monte

Proposal for a regulation

Recital 19

Text proposed by the Commission

(19) Developing capacity related to artificial intelligence is a crucial driver for the digital transformation of industry and also of the public sector . Ever more autonomous robots are used in factories, deep sea application, homes, cities and hospitals. Commercial artificial intelligence platforms have moved from testing to real applications in health and environment; all major car manufacturers are developing self-driving cars, and machine learning techniques are at the heart of all main web platforms and big data applications.

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Or. it

Amendment 35
Merja Kyllönen

Proposal for a regulation
Recital 19 a (new)

Text proposed by the Commission

Amendment

(19a) As autonomous transport is likely to grow significantly in the near future, and to reflect the expected development of capacity in this field, the Commission should clarify safety and liability rules for fully autonomous transport and safeguard the human and societal interests in order to provide the legal conditions for its fast and effective integration into the market, in the best interest of Union business and consumers.

Or. en

Amendment 36
Maria Grapini

Proposal for a regulation
Recital 20

Text proposed by the Commission

(20) The availability of large-scale data sets and testing and experimentation facilities are of major importance for the development of artificial intelligence.

Amendment

(20) The availability of large-scale data sets and testing and experimentation facilities ***to secure the internal market where artificial intelligence is used*** are of major importance for the development of artificial intelligence.

Or. ro

Amendment 37
Dominique Riquet, Pavel Telička

Proposal for a regulation
Recital 22

Text proposed by the Commission

(22) Cybersecurity is a challenge for the whole Union that cannot continue to be addressed only with fragmented national initiatives. Europe's cybersecurity capacity should be reinforced to endow Europe with the necessary capacities to protect its citizens ***and*** businesses from cyber threats. In addition consumers should be protected when using connected products that can be hacked and compromise their safety. This should be achieved together with Member States and private sector by developing, and ensuring coordination between, projects reinforcing Europe's capacities in cybersecurity and ensuring the wide deployment of latest cybersecurity solutions across the economy, as well as by aggregating the competences in this field to ensure critical mass and excellence.

Amendment

(22) Cybersecurity is a challenge for the whole Union that cannot continue to be addressed only with fragmented national initiatives. Europe's cybersecurity capacity should be reinforced to endow Europe with the necessary capacities to protect its citizens, ***its strategic networks (transport, energy, telecommunications) and its*** businesses from cyber threats. In addition consumers should be protected when using connected products that can be hacked and compromise their safety. This should be achieved together with Member States and private sector by developing, and ensuring coordination between, projects reinforcing Europe's capacities in cybersecurity and ensuring the wide deployment of ***the*** latest cybersecurity solutions across the economy, as well as by aggregating the competences in this field to ensure critical mass and excellence.

Or. fr

Amendment 38
Isabella De Monte

Proposal for a regulation
Recital 22

Text proposed by the Commission

(22) Cybersecurity is a challenge for the whole Union that cannot continue to be addressed only with fragmented national initiatives. Europe's cybersecurity capacity should be reinforced to endow Europe with the necessary capacities to protect its citizens and businesses from cyber threats. In addition consumers should be protected when using connected products that can be hacked and compromise their safety. This should be achieved together with Member States and private sector by developing, and ensuring coordination between, projects reinforcing Europe's capacities in cybersecurity and ensuring the wide deployment of latest cybersecurity solutions across the economy, as well as by aggregating the competences in this field to ensure critical mass and excellence.

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Or. it

Amendment 39
Maria Grapini

Proposal for a regulation
Recital 22

Text proposed by the Commission

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citizens and businesses from cyber threats. In addition consumers should be protected when using connected products that can be hacked and compromise their safety. This should be achieved together with Member States and private sector by developing, and ensuring coordination between, projects reinforcing Europe's capacities in cybersecurity and ensuring the wide deployment of latest cybersecurity solutions across the economy, as well as by aggregating the competences in this field to ensure critical mass and excellence.

citizens and businesses from cyber threats **and any cyber-attacks**. In addition consumers should be protected when using connected products that can be hacked and compromise their safety. This should be achieved together with Member States and private sector by developing, and ensuring coordination between, projects reinforcing Europe's capacities in cybersecurity and ensuring the wide deployment of latest cybersecurity solutions across the economy, as well as by aggregating the competences in this field to ensure critical mass and excellence.

Or. ro

Amendment 40
Dominique Riquet, Pavel Telička

Proposal for a regulation
Recital 24

Text proposed by the Commission

(24) Trust is a prerequisite for the Digital Single Market to function. Cybersecurity technologies such as digital identities, cryptography or intrusion detection, and their application in areas such as finance, industry 4.0, energy, transportation, healthcare, or e-government are essential to safeguard the security and trust of online activity and transactions by both citizens, public administrations, and companies.

Amendment

(24) Trust is a prerequisite for the Digital Single Market to function. Cybersecurity technologies such as digital identities, cryptography or intrusion detection, and their application in areas such as finance, industry 4.0, **logistics**, energy, transportation, healthcare, or e-government are essential to safeguard the security and trust of online activity and transactions by both citizens, public administrations, and companies.

Or. fr

Amendment 41
Isabella De Monte

Proposal for a regulation
Recital 24

Text proposed by the Commission

(24) Trust is a prerequisite for the Digital Single Market to function. Cybersecurity technologies such as digital identities, cryptography or intrusion detection, and their application in areas such as finance, industry 4.0, energy, transportation, healthcare, or e-government are essential to safeguard the security and trust of online activity and transactions by both citizens, public administrations, and companies.

Amendment

(24) Trust is a prerequisite for the Digital Single Market to function. Cybersecurity technologies such as digital identities, cryptography or intrusion detection, and their application in areas such as finance, industry 4.0, energy, transportation, **tourism**, healthcare, or e-government are essential to safeguard the security and trust of online activity and transactions by both citizens, public administrations, and companies.

Or. it

Amendment 42
Maria Grapini

Proposal for a regulation
Recital 24

Text proposed by the Commission

(24) Trust is a prerequisite for the Digital Single Market to function. Cybersecurity technologies such as digital identities, cryptography or intrusion detection, and their application in areas such as finance, industry 4.0, energy, transportation, healthcare, or e-government are essential to safeguard the security and trust of online activity and transactions by both citizens, public administrations, and companies.

Amendment

(24) Trust is a prerequisite for the Digital Single Market to function. Cybersecurity technologies such as digital identities, cryptography or intrusion detection, and their application in areas such as finance, industry 4.0, energy, transportation, **tourism**, healthcare, or e-government are essential to safeguard the security and trust of online activity and transactions by both citizens, public administrations, and companies.

Or. ro

Amendment 43
Evžen Tošenovský

Proposal for a regulation
Recital 28

Text proposed by the Commission

(28) The advanced digital technologies supported by this Programme, such as high performance computing, cybersecurity and artificial intelligence are now sufficiently mature to move beyond the research arena and be deployed, implemented and scaled-up at Union level. Just as the deployment of these technologies require a Union response so does the skills dimension. Training opportunities in advanced digital skills need to be scaled up, increased and made accessible throughout the EU. Failing this could impede the smooth deployment of advanced digital technologies and hamper the overall competitiveness of Union's economy. The actions supported by this programme are complementary to those supported by the ESF, ERDF and Horizon Europe programmes.

Amendment

(28) The advanced digital technologies supported by this Programme, such as high performance computing, cybersecurity and artificial intelligence are now sufficiently mature to move beyond the research arena and be deployed, implemented and scaled-up at Union **level, however should continue to be supported also at Member States** level. Just as the deployment of these technologies require a Union response so does the skills dimension. Training opportunities in advanced digital skills need to be scaled up, increased and made accessible throughout the EU. Failing this could impede the smooth deployment of advanced digital technologies and hamper the overall competitiveness of Union's economy. The actions supported by this programme are complementary to those supported by the ESF, ERDF and Horizon Europe programmes.

Or. en

Amendment 44
Dominique Riquet, Pavel Telička

Proposal for a regulation
Recital 28

Text proposed by the Commission

(28) The advanced digital technologies supported by this Programme, such as high performance computing, cybersecurity and artificial intelligence are now sufficiently mature to move beyond the research arena and be deployed, implemented and scaled-up at Union level. Just as the deployment of these technologies **require** a Union response so does the skills dimension. Training opportunities in advanced digital skills need to be scaled up, increased and made accessible throughout the EU.

Amendment

(28) The advanced digital technologies supported by this Programme, such as high performance computing, cybersecurity and artificial intelligence are now sufficiently mature to move beyond the research arena and be deployed, implemented and scaled-up at Union level. Just as the deployment of these technologies **requires** a Union response so does the skills dimension. Training opportunities in advanced digital skills need to be scaled up, increased and made accessible throughout the EU, **in**

Failing this could impede the smooth deployment of advanced digital technologies and hamper the overall competitiveness of Union's economy. The actions supported by this programme are complementary to those supported by the ESF, ERDF and Horizon Europe programmes.

particular for employees in the sectors that will be most affected by digital innovations. Failing this could impede the smooth deployment of advanced digital technologies and hamper the overall competitiveness of *the* Union's economy. The actions supported by this programme are complementary to those supported by the ESF, ERDF, *CEF* and Horizon Europe programmes.

Or. fr

Amendment 45 **Isabella De Monte**

Proposal for a regulation **Recital 28**

Text proposed by the Commission

(28) The advanced digital technologies supported by this Programme, such as high performance computing, cybersecurity and artificial intelligence are now sufficiently mature to move beyond the research arena and be deployed, implemented and scaled-up at Union level. Just as the deployment of these technologies *require* a Union response so does the skills dimension. Training opportunities in advanced digital skills need to be scaled up, increased and made accessible throughout the EU. Failing this could impede the smooth deployment of advanced digital technologies and hamper the overall competitiveness of Union's economy. The actions supported by this programme are complementary to those supported by the ESF, ERDF and Horizon Europe programmes.

Amendment

(28) The advanced digital technologies supported by this Programme, such as high performance computing, cybersecurity and artificial intelligence are now sufficiently mature to move beyond the research arena and be deployed, implemented and scaled-up at Union level. Just as the deployment of these technologies *requires* a Union response so does the skills dimension. *Bearing in mind the impact new technologies may have on the job market,* training opportunities in advanced digital skills need to be scaled up, increased and made accessible throughout the EU. Failing this could impede the smooth deployment of advanced digital technologies and hamper the overall competitiveness of *the* Union's economy. The actions supported by this programme are complementary to those supported by the ESF, ERDF and Horizon Europe programmes.

Or. it

Amendment 46
Maria Grapini

Proposal for a regulation
Recital 29

Text proposed by the Commission

(29) Modernising public administrations and services through digital means is crucial to reducing administrative burden on industry and on citizens in general by making their interactions with public authorities faster, more convenient and less costly, as well as by increasing the efficiency and the quality of the services provided to citizens and businesses. Since a number of services of public interest already have a Union dimension, the support to their implementation and deployment at Union level should ensure that citizens and businesses will benefit from the access to high quality digital services across Europe.

Amendment

(29) Modernising public administrations and services through digital means is crucial to reducing administrative burden on industry and on citizens in general by making their interactions with public authorities faster, more convenient and less costly, as well as by increasing the efficiency and the quality of the services provided to citizens and businesses. Since a number of services of public interest already have a Union dimension, the support to their implementation and deployment at Union level should ensure that citizens and businesses will benefit from the access to high quality digital services across Europe. ***It is also important that such services be available to persons with disabilities.***

Or. ro

Amendment 47
Jill Evans

Proposal for a regulation
Recital 29 a (new)

Text proposed by the Commission

Amendment

(29a) Digitalisation can facilitate and improve barrier-free accessibility for everyone, including older people, persons with reduced mobility or a disability, and those in remote or rural areas.

Or. en

Amendment 48
Merja Kyllönen

Proposal for a regulation
Recital 29 a (new)

Text proposed by the Commission

Amendment

(29a) Digitalisation can improve barrier free accessibility for everyone, including older people and persons with reduced mobility, a disability or specific needs, in areas of public interest.

Or. en

Amendment 49
Isabella De Monte

Proposal for a regulation
Recital 30

Text proposed by the Commission

Amendment

(30) The digital transformation of the areas of public interest such as healthcare⁶⁸, mobility, justice, earth/environmental monitoring, education and culture requires the continuation and expansion of Digital Service Infrastructures, which make secure cross-border exchange of data possible and foster national development. Their coordination under this Regulation best achieves the potential for exploiting synergies.

(30) The digital transformation of the areas of public interest such as healthcare⁶⁸, mobility, justice, earth/environmental monitoring, education and culture requires the continuation, **upgrading** and expansion of Digital Service Infrastructures, which make secure cross-border exchange of data possible and foster national development. Their coordination under this Regulation best achieves the potential for exploiting synergies.

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http://ec.europa.eu/newsroom/dae/document.cfm?doc_id=51628

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http://ec.europa.eu/newsroom/dae/document.cfm?doc_id=51628

Or. it

Amendment 50

Merja Kyllönen

**Proposal for a regulation
Recital 34 a (new)**

Text proposed by the Commission

Amendment

(34a) In order to create a well-functioning digital single market for the whole Europe, some basic preconditions have to exist in all Member States. Lack of digital service infrastructure and capacity still hampers the development of smooth cross-border services. Therefore, in addition to supporting the frontrunners and champions and facilitating the sharing of knowledge and best practises, the Union and its programmes should support and allocate adequate resources for the establishment of the basic preconditions and infrastructure for the digital services. The starting point should be to analyse the missing links, functions and features needed for digital services and their full-scale deployments locally, nationally and European wide, covering all sectors of the European economy.

Or. en

Justification

If the aim is to create a truly well-functioning European-wide digital single market, also the poorest European countries should be included into the process.

**Amendment 51
Jill Evans**

**Proposal for a regulation
Recital 43**

Text proposed by the Commission

Amendment

(43) Reflecting the importance of tackling climate change in line with the Union's commitments to implement the Paris Agreement and the United Nations Sustainable Development Goals, this

(43) Reflecting the importance of tackling climate change in line with the Union's commitments to implement the Paris Agreement and the United Nations Sustainable Development Goals, this

Programme will contribute to mainstream climate actions and lead to the achievement of an overall target of **25%** of the EU budget expenditures supporting climate objectives⁷⁴. Relevant actions will be identified during the Programme's preparation and implementation, and reassessed in the context of the relevant evaluations and review processes.

⁷⁴ COM(2018) 321 final, page 1

Programme will contribute to mainstream climate actions and lead to the achievement of an overall target of **at least 30%** of the EU budget expenditures supporting climate objectives⁷⁴. Relevant actions will be identified during the Programme's preparation and implementation, and reassessed in the context of the relevant evaluations and review processes. ***As the transport sector currently accounts for almost a quarter of the Union's GHG emissions, digitisation and digitalisation in particular in the logistics sector, mobility management, C-ITS and new transport technologies can contribute significantly to achieving the said targets.***

⁷⁴ COM(2018) 321 final, page 1

Or. en

Amendment 52

Merja Kyllönen

Proposal for a regulation

Recital 43

Text proposed by the Commission

(43) Reflecting the importance of tackling climate change in line with the Union's commitments to implement the Paris Agreement and the United Nations Sustainable Development Goals, this Programme will contribute to mainstream climate actions and lead to the achievement of an overall target of 25% of the EU budget expenditures supporting climate objectives⁷⁴. Relevant actions will be identified during the Programme's preparation and implementation, and reassessed in the context of the relevant evaluations and review processes.

Amendment

(43) Reflecting the importance of tackling climate change in line with the Union's commitments to implement the Paris Agreement and the United Nations Sustainable Development Goals, this Programme will contribute to mainstream climate actions and lead to the achievement of an overall target of 25% of the EU budget expenditures supporting climate objectives⁷⁴. Relevant actions will be identified during the Programme's preparation and implementation, and reassessed in the context of the relevant evaluations and review processes. ***Currently, the transport sector accounts for almost a quarter of the Union's GHG emissions. Recalls the important role to be***

played by shared, connected and automated vehicles, operated by fleet managers, C-ITS and new mobility technologies and services in tackling climate change.

⁷⁴ COM(2018) 321 final, page 1

⁷⁴ COM(2018) 321 final, page 1

Or. en

Amendment 53
Isabella De Monte

Proposal for a regulation
Recital 47

Text proposed by the Commission

(47) This Regulation respects fundamental rights and observes the principles recognised in the Charter of Fundamental Rights of the European **Unions**, notably those referred under Articles [8], [11], [16], [21], [35], [38] and [47] regarding the protection of personal data, the freedom of expression and information, the freedom to conduct business, the prohibition of discrimination, healthcare, consumer protection and the right to effective remedy and fair trial. The Member States must apply this Regulation in a manner consistent with these rights and principles’.

Amendment

(47) This Regulation respects fundamental rights and observes the principles recognised in the Charter of Fundamental Rights of the European **Union**, notably those referred under Articles [8], [11], [16], [21], [35], [38] and [47] regarding the protection of personal data, the freedom of expression and information, the freedom to conduct business, the prohibition of discrimination, healthcare, consumer **and worker** protection and the right to **an** effective remedy and **a** fair trial. The Member States must apply this Regulation in a manner consistent with these rights and principles’.

Or. it

Amendment 54
Maria Grapini

Proposal for a regulation
Article 3 – paragraph 1 – introductory part

Text proposed by the Commission

Amendment

1. The Programme has the following general objective: to support the digital transformation of the European economy and society and bring its benefits to European citizens and businesses. The Programme will:

1. The Programme has the following general objective: to support the digital transformation of the European economy and society and bring its benefits to European citizens and businesses, **especially SMEs**. The Programme will:

Or. ro

Amendment 55
Massimiliano Salini, Innocenzo Leontini

Proposal for a regulation
Article 3 – paragraph 1 – introductory part

Text proposed by the Commission

1. The Programme has the following general objective: to support the digital transformation of the European economy and society and bring its benefits to European citizens and businesses. The Programme will:

Amendment

1. The Programme has the following general objective: to support the digital transformation of the European economy, **industry, mobility** and society and bring its benefits to European citizens and businesses. The Programme **shall also aim to reinforce the strategic autonomy of the Union**. **The Programme** will:

Or. en

Amendment 56
Dominique Riquet, Pavel Telička

Proposal for a regulation
Article 3 – paragraph 1 – point a

Text proposed by the Commission

(a) reinforce **Europe's** capacities in key digital technology areas through large-scale deployment,

Amendment

(a) reinforce **the Union's** capacities **and strategic autonomy** in key digital technology areas through large-scale deployment,

Or. fr

Amendment 57

Nicola Caputo

Proposal for a regulation

Article 3 – paragraph 1 – point b

Text proposed by the Commission

(b) widen their diffusion and uptake in areas of public interest and the private sector.

Amendment

(b) widen their diffusion and uptake in areas of public interest and the private sector, ***including the digital transformation of services of public interest and the digitisation of industry.***

Or. it

Amendment 58

Jill Evans

Proposal for a regulation

Article 3 – paragraph 1 – point b a (new)

Text proposed by the Commission

Amendment

(ba) support cross-sectoral programmes that focus on synergies and complementarities between them, such as transport, energy and telecommunications.

Or. en

Amendment 59

Evžen Tošenovský

Proposal for a regulation

Article 4 – paragraph 1 – point a

Text proposed by the Commission

Amendment

(a) deploy, coordinate at the Union level and operate an integrated world-class exascale⁷⁷ supercomputing and data infrastructure in the Union that shall be accessible on a non-commercial basis to public and private users and for publicly

(a) deploy, coordinate at the Union level and operate an integrated world-class exascale⁷⁷ supercomputing and data infrastructure in the Union that shall be accessible ***to all businesses and public administrations***, on a non-commercial

funded research purposes;

basis to public and private users and for publicly funded research purposes;

⁷⁷ Billions of billions of floating operations per second

⁷⁷ Billions of billions of floating operations per second

Or. en

Amendment 60
Evžen Tošenovský

Proposal for a regulation
Article 5 – paragraph 1 – point a

Text proposed by the Commission

(a) build up and strengthen core artificial intelligence capacities in the Union, including data resources and libraries of algorithms in compliance with data protection legislation;

Amendment

(a) build up and strengthen core artificial intelligence capacities in the Union, ***by respecting geographical balance in accordance with point (g) of Article 20(1)***, including data resources and libraries of algorithms in compliance with data protection legislation;

Or. en

Amendment 61
Evžen Tošenovský

Proposal for a regulation
Article 5 – paragraph 1 – point b

Text proposed by the Commission

(b) make those capacities accessible to all businesses and public administrations;

Amendment

(b) make those capacities accessible to all businesses and public administrations, ***including universities and research or innovation centres***;

Or. en

Amendment 62

Evžen Tošenovský

Proposal for a regulation
Article 5 – paragraph 1 – point c

Text proposed by the Commission

(c) reinforce and network existing artificial intelligence testing and experimentation facilities in Member States;

Amendment

(c) reinforce and network existing artificial intelligence testing and experimentation facilities in Member States, ***including existing and newly established high performance computing centres***;

Or. en

Amendment 63
Massimiliano Salini, Innocenzo Leontini

Proposal for a regulation
Article 5 – paragraph 1 – point c a (new)

Text proposed by the Commission

Amendment

(ca) reinforce artificial intelligence (AI) industrial applications installed in machines, sensors, robots, automotive, space technologies, etc.

Or. en

Amendment 64
Evžen Tošenovský

Proposal for a regulation
Article 5 – paragraph 1 – point c a (new)

Text proposed by the Commission

Amendment

(ca) promote the exchange of knowledge, development and large-scale application of artificial intelligence across the Union.

Or. en

Amendment 65
Evžen Tošenovský

Proposal for a regulation
Article 6 – paragraph 1 – point a

Text proposed by the Commission

(a) support, together with Member States, the procurement of advanced cybersecurity equipment, tools and data infrastructures in full compliance with data protection legislation;

Amendment

(a) support, together with Member States, the procurement of advanced cybersecurity equipment, tools and data infrastructures in full compliance with data protection legislation, ***including those from existing and newly established high performance computing centres;***

Or. en

Amendment 66
Maria Grapini

Proposal for a regulation
Article 6 – paragraph 1 – point a

Text proposed by the Commission

(a) support, together with Member States, the procurement of advanced cybersecurity equipment, tools and data infrastructures in full compliance with data protection legislation;

Amendment

(a) support, together with Member States, the procurement of advanced cybersecurity equipment, tools and data infrastructures in full compliance with ***personal*** data protection legislation;

Or. ro

Amendment 67
Maria Grapini

Proposal for a regulation
Article 6 – paragraph 1 – point b

Text proposed by the Commission

(b) support the best use of European ***knowledge***, capacity and skills related to

Amendment

(b) support the best use of European, capacity and skills related to cybersecurity,

cybersecurity;

while respecting personal data protection;

Or. ro

Amendment 68

Massimiliano Salini, Innocenzo Leontini

Proposal for a regulation

Article 6 – paragraph 1 – point b a (new)

Text proposed by the Commission

Amendment

(ba) provide the European Union Agency for Network and Information Security (ENISA) with additional resources to promote awareness campaigns and to increase the capabilities of Member States and businesses;

Or. en

Amendment 69

Massimiliano Salini, Innocenzo Leontini

Proposal for a regulation

Article 6 – paragraph 1 – point d a (new)

Text proposed by the Commission

Amendment

(da) support the development of 5G networks and secure 5G platforms, in order to enable the digital transformation and protection of European industries from economic espionage and cyber-attacks, and to assist the deployment of the 5G system across the TEN-T corridors;

Or. en

Amendment 70

Evžen Tošenovský

Proposal for a regulation
Article 6 – paragraph 1 – point d a (new)

Text proposed by the Commission

Amendment

(da) *support the latest research and innovation in autonomous transport and logistics and traffic management in all transport modes with a robust and reliable cybersecurity solutions;*

Or. en

Amendment 71
Massimiliano Salini, Innocenzo Leontini

Proposal for a regulation
Article 6 – paragraph 1 – point d b (new)

Text proposed by the Commission

Amendment

(db) *improve among users, in particular SMEs and start-ups, resilience against cyber-attacks increasing risk awareness, knowledge of basic security processes and the importance of cyber-hygiene.*

Or. en

Justification

Cyber-hygiene refers to the establishment of simple routine measures, such as multifactor authentication, patching, encryption, micro-segmentation, and least privilege, that users and businesses can adopt to minimise the risks of cyber threats and to better protect themselves online.

Amendment 72
David-Maria Sassoli

Proposal for a regulation
Article 7 – paragraph 1 – introductory part

Text proposed by the Commission

Amendment

The financial intervention by the Union

The financial intervention by the Union

under Specific Objective 4. Advanced Digital skills shall support the development of advanced digital skills in areas supported by this programme, *thus* contributing to increase *Europe's talent pool, fostering greater professionalism*, especially with regard to high performance computing, big data analytics, cybersecurity, distributed ledger technologies, robotics and artificial intelligence. The financial intervention shall pursue the following operational objectives:

under Specific Objective 4. Advanced Digital skills shall support the development of advanced digital skills in areas supported by this programme, contributing to *an* increase *in appropriate professional skills at EU level*, especially with regard to high performance computing, big data analytics, cybersecurity, distributed ledger technologies, robotics and artificial intelligence. The financial intervention shall pursue the following operational objectives:

Or. it

Amendment 73
David-Maria Sassoli

Proposal for a regulation
Article 7 – paragraph 1 – point a

Text proposed by the Commission

(a) support the *design and* delivery of *long-term trainings and courses* for students, IT professionals and the workforce;

Amendment

(a) support the delivery of *courses and training and research* for students, IT professionals and the workforce;

Or. it

Amendment 74
Massimiliano Salini, Innocenzo Leontini

Proposal for a regulation
Article 7 – paragraph 1 – point a

Text proposed by the Commission

(a) support the design and delivery of long-term trainings and courses for students, IT professionals and the workforce;

Amendment

(a) support the design and delivery of long-term trainings and courses for students, *educators*, IT professionals and the workforce;

Or. en

Amendment 75
David-Maria Sassoli

Proposal for a regulation
Article 7 – paragraph 1 – point b

Text proposed by the Commission

(b) support *the design and delivery of short-term trainings and courses* for entrepreneurs, *small business leaders and the workforce*;

Amendment

(b) support *short-term and long-term training and research* for entrepreneurs *and leaders of small and medium-sized businesses*;

Or. it

Amendment 76
Massimiliano Salini, Innocenzo Leontini

Proposal for a regulation
Article 7 – paragraph 1 – point b

Text proposed by the Commission

(b) support the design and delivery of short-term trainings and courses for entrepreneurs, small business leaders and the workforce;

Amendment

(b) support the design and delivery of short-term trainings and courses for *IT professionals, educators*, entrepreneurs, small business leaders and the workforce;

Or. en

Amendment 77
Maria Grapini

Proposal for a regulation
Article 7 – paragraph 1 – point b

Text proposed by the Commission

(b) support the design and delivery of short-term trainings and courses for entrepreneurs, small business leaders and the workforce;

Amendment

(b) support the design and delivery of short-term trainings and courses for entrepreneurs, small *and medium-sized* business leaders and the workforce;

Amendment 78
David-Maria Sassoli

Proposal for a regulation
Article 7 – paragraph 1 – point c

Text proposed by the Commission

(c) support *on-the-job trainings and traineeships for students, young entrepreneurs and graduates.*

Amendment

(c) support *proper training for final year university students and doctoral research students;*

Or. it

Amendment 79
Evžen Tošenovský

Proposal for a regulation
Article 7 – paragraph 1 – point c

Text proposed by the Commission

(c) support on-the-job trainings and traineeships for students, young entrepreneurs and graduates.

Amendment

(c) support on-the-job trainings and traineeships for students, young entrepreneurs and graduates, *including their mobility from one Member State to another.*

Or. en

Amendment 80
Massimiliano Salini, Innocenzo Leontini

Proposal for a regulation
Article 7 – paragraph 1 – point c

Text proposed by the Commission

(c) support on-the-job trainings and traineeships for students, young entrepreneurs and graduates.

Amendment

(c) support on-the-job trainings and traineeships for students, *workforce*, young entrepreneurs and graduates.

Amendment 81
Dominique Riquet, Pavel Telička

Proposal for a regulation
Article 7 – paragraph 1 – point c a (new)

Text proposed by the Commission

Amendment

(ca) support training courses for employees in sectors that will be deeply affected by the digital transformation of the Union's economy in order to help them adjust to changes in their professions.

Or. fr

Amendment 82
Evžen Tošenovský

Proposal for a regulation
Article 7 – paragraph 1 – point c a (new)

Text proposed by the Commission

Amendment

(ca) support of re-skilling of employees and spreading knowledge in digital domain.

Or. en

Amendment 83
Maria Grapini

Proposal for a regulation
Article 8 – paragraph 1 – point a

Text proposed by the Commission

Amendment

(a) ensure that the public sector and areas of public interests, such as health and care, education, judiciary, transport,

(a) ensure that the public sector and areas of public interests, such as health and care, education, judiciary, transport,

energy, environment, cultural and creative sectors, can deploy and access state-of-the-art digital technologies, in particular high performance computing, artificial intelligence and cybersecurity;

energy, environment, cultural and creative sectors, can deploy and access state-of-the-art digital technologies, in particular high performance computing, artificial intelligence and cybersecurity, ***without breaching the provisions of the General Data Protection Regulation;***

Or. ro

Amendment 84
Merja Kyllönen

Proposal for a regulation
Article 8 – paragraph 1 – point b

Text proposed by the Commission

(b) deploy, operate and maintain trans-European interoperable Digital Service Infrastructures (including related services) in complementarity with national and regional actions;

Amendment

(b) deploy, operate and maintain trans-European ***high quality, high performance and*** interoperable Digital Service Infrastructures (including related services) in complementarity with national and regional actions;

Or. en

Amendment 85
Maria Grapini

Proposal for a regulation
Article 8 – paragraph 1 – point f

Text proposed by the Commission

(f) support the design, testing, implementation and deployment of interoperable digital solutions for EU level public services delivered through a data-driven reusable solutions platform, fostering innovation and establishing common frameworks in order to unleash the full potential of the public administrations' services for European citizens and businesses;

Amendment

(f) support the design, testing, implementation and deployment of interoperable digital solutions for EU level public services delivered through a data-driven reusable solutions platform, fostering innovation and ***research and*** establishing common frameworks in order to unleash the full potential of the public administrations' services for European citizens and businesses;

Amendment 86
Maria Grapini

Proposal for a regulation
Article 8 – paragraph 1 – point i

Text proposed by the Commission

(i) build up **and strengthen** the network of Digital Innovation Hubs.

Amendment

(i) build up, **strengthen and promote** the network of Digital Innovation Hubs.

Or. ro

Amendment 87
Evžen Tošenovský

Proposal for a regulation
Article 8 – paragraph 1 – point i

Text proposed by the Commission

(i) build up and strengthen the network of Digital Innovation Hubs.

Amendment

(i) build up and strengthen the network of Digital Innovation Hubs; **where possible, the hubs should be built on and cooperate with existing national and European structures.**

Or. en

Amendment 88
Dominique Riquet

Proposal for a regulation
Article 10 – paragraph 1 – point 2

Text proposed by the Commission

2. Acceding countries, candidate countries and potential candidates , in accordance with the general principles and general terms and conditions for their participation in Union programmes

Amendment

deleted

established in the respective framework agreements and Association Council Decisions, or similar agreements, and in accordance with the specific conditions laid down in agreements between the Union and them;

Or. fr

Amendment 89
Dominique Riquet

Proposal for a regulation
Article 10 – paragraph 1 – point 3

Text proposed by the Commission

Amendment

3. Countries covered by the European Neighbourhood Policy, in accordance with the general principles and general terms and conditions for the participation of those countries in Union programmes established in the respective framework agreements and Association Council Decisions, or similar agreements, and in accordance with the specific conditions laid down in agreements between the Union and those countries;

deleted

Or. fr

Amendment 90
Dominique Riquet

Proposal for a regulation
Article 10 – paragraph 1 – point 4

Text proposed by the Commission

Amendment

4. Third countries in accordance with the conditions laid down in a specific agreement covering the participation of the third country to any Union programme, provided that the agreement

deleted

- *ensures a fair balance as regards the contributions and benefits of the third country participating in the Union programmes;*
- *lays down the conditions of participation in the programmes, including the calculation of financial contributions to individual programmes and their administrative costs. These contributions shall constitute assigned revenues in accordance with Article [21(5)] of [the new Financial Regulation];*
- *does not confer to the third country a decisional power on the programme;*
- *guarantees the rights of the Union to ensure sound financial management and to protect its financial interests.*

Or. fr

Amendment 91

Marie-Christine Arnautu
on behalf of the ENF Group

Proposal for a regulation

Article 10 – paragraph 1 – point 4 – indent 1

Text proposed by the Commission

- ensures a fair balance as regards the contributions and benefits of the third country participating in the Union programmes;

Amendment

- ensures a fair balance ***and regular monitoring*** as regards the contributions and benefits of the third country participating in the Union programmes;

Or. fr

Justification

Third countries participating in the Union programme must comply with the conditions laid down governing rules for contributions and may only be beneficiaries of the programme if they comply with these rules.

Amendment 92

Marie-Christine Arnautu
on behalf of the ENF Group

Proposal for a regulation
Article 10 – paragraph 1 – point 4 – indent 4

Text proposed by the Commission

– guarantees the rights of the Union to ensure sound financial management and to protect its financial interests.

Amendment

– guarantees the rights of the Union to ensure sound financial management and to protect its financial interests.

The Union thus reserves the right to exclude from the programme a third country which does not comply with the rules on its contributions in accordance with the conditions for fair balance and regular monitoring laid down in Article 10(1)(4).

Or. fr

Justification

The Union must ensure that no form of unfair competition between third countries and Member States may arise in the distribution of the benefits they may derive from their participation in the programme: a third country may be excluded from the programme by the Union at any time if it fails to comply with the fair balance conditions laid down in this Regulation or if it does not pay its contributions in time.

Amendment 93
Marie-Christine Arnautu
on behalf of the ENF Group

Proposal for a regulation
Article 13 – paragraph 2

Text proposed by the Commission

2. Appropriate mechanisms of coordination between relevant authorities and appropriate monitoring tools shall be established to systematically ensure synergies between the Programme and any relevant EU funding instruments. The arrangements shall contribute to avoiding duplications and maximising impact of expenditure.

Amendment

2. Appropriate mechanisms of coordination between relevant authorities and appropriate monitoring tools shall be established to systematically ensure synergies between the Programme and any relevant EU funding instruments. The arrangements shall contribute to avoiding duplications, ***ensuring compliance with conditions laid down in Article 10(1)(4)***

and maximising impact of expenditure.

Or. fr

Justification

For synergies between the programme and EU funding instruments to be fair and just, monitoring tools must enable the relevant authorities to be sure that conditions have been complied with.

Amendment 94 **Evžen Tošenovský**

Proposal for a regulation **Article 16 – paragraph 1**

Text proposed by the Commission

1. During the first year of the implementation of the Programme, an initial network of Digital Innovation Hubs shall be established.

Amendment

1. During the first year of the implementation of the Programme, an initial network of Digital Innovation Hubs shall be established. ***Where possible, the network should be built on and cooperate with existing national and European structures.***

Or. en

Amendment 95 **Evžen Tošenovský**

Proposal for a regulation **Article 16 – paragraph 2 – point a**

Text proposed by the Commission

(a) appropriate competences related to the functions of the Digital Innovation Hubs;

Amendment

(a) appropriate competences related to the functions of the Digital Innovation Hubs; ***where possible, including experience with managing existing structures;***

Or. en

Amendment 96
Evžen Tošenovský

Proposal for a regulation
Article 16 – paragraph 3 – introductory part

Text proposed by the Commission

3. The Commission shall adopt a decision on the selection of entities forming the initial network. These entities shall be selected by the Commission from candidate entities designated by Member States on the basis of the criteria mentioned in paragraph 2 and the following additional criteria:

Amendment

3. The Commission, ***taking utmost account of the recommendation adopted by an advisory group composed of representatives of Member States***, shall adopt a decision on the selection of entities forming the initial network, ***where at least one entity per Member State shall be represented***. These entities shall be selected by the Commission from candidate entities designated by Member States on the basis of the criteria mentioned in paragraph 2 and the following additional criteria:

Or. en

Amendment 97
Dominique Riquet, Pavel Telička

Proposal for a regulation
Article 18 – paragraph 3

Text proposed by the Commission

3. Legal entities established in a third country ***which is not associated to the Programme*** are exceptionally eligible to participate in specific actions where this is necessary for the achievement of the objectives of the Programme.

Amendment

3. Legal entities established in a third country are exceptionally eligible to participate in specific actions where this is necessary for the achievement of the objectives of the Programme.

Or. fr

Amendment 98
Evžen Tošenovský

Proposal for a regulation

Article 18 – paragraph 5

Text proposed by the Commission

5. The work programme may provide that participation is limited to beneficiaries established in Member States only, or to beneficiaries established in Member States and specified associated or other third countries for security reasons or actions directly related to EU strategic autonomy.

Amendment

5. The work programme may provide ***in exceptional and duly justified circumstances*** that participation is limited to beneficiaries established in Member States only, or to beneficiaries established in Member States and specified associated or other third countries for security reasons or actions directly related to EU strategic autonomy.

Or. en

Amendment 99 Maria Grapini

Proposal for a regulation Article 18 – paragraph 6

Text proposed by the Commission

6. Legal entities established in a third country which is not associated to the programme should ***in principle*** bear the cost of their participation.

Amendment

6. Legal entities established in a third country which is not associated to the programme should bear the cost of their participation.

Or. ro

Amendment 100 Evžen Tošenovský

Proposal for a regulation Article 20 – paragraph 1 – point e a (new)

Text proposed by the Commission

Amendment

(ea) where applicable, deployment in sectors with high multiplication effect, such as digitalised industry and transport or space technologies;

Or. en

Amendment 101
Evžen Tošenovský

Proposal for a regulation
Article 20 – paragraph 1 – point g

Text proposed by the Commission

(g) where applicable, a balanced geographical distribution across the Union, including the outermost regions;

Amendment

(g) where applicable, a balanced geographical distribution across the Union **and associated countries**, including the **Union's** outermost regions;

Or. en

Amendment 102
Pavel Telička

Proposal for a regulation
Article 24 – paragraph 1 a (new)

Text proposed by the Commission

Amendment

1a. The Commission shall define a methodology to provide for qualitative indicators for an accurate assessment of the progress towards achieving the general objectives set out in Article 3(1). On the basis of this methodology the Commission shall complement Annex III at the latest by 1st January 2021.

Or. en

Amendment 103
Pavel Telička

Proposal for a regulation
Article 24 – paragraph 3

Text proposed by the Commission

3. The performance reporting system shall ensure that data for monitoring

Amendment

3. The performance reporting system shall ensure that data for monitoring

programme implementation and results are collected efficiently, effectively, and in a timely manner. To that end, proportionate reporting requirements shall be imposed on recipients of Union funds and Member States.

programme implementation and results *are suitable for an in-depth analysis of the progress achieved and the difficulties encountered and* are collected efficiently, effectively, and in a timely manner. To that end, proportionate reporting requirements shall be imposed on recipients of Union funds and Member States.

Or. en

Amendment 104

Pavel Telička

Proposal for a regulation

Article 25 – paragraph 1

Text proposed by the Commission

1. Evaluations shall be carried out in a timely manner to feed into the decision-making process.

Amendment

1. Evaluations shall be carried out in a timely manner to feed into the decision-making process. *The evaluations shall also provide for a qualitative assessment of the progress towards achieving the general objectives set out in Article 3(1).*

Or. en

Amendment 105

Evžen Tošenovský

Proposal for a regulation

Annex I – part 1 – paragraph 2 – point 1

Text proposed by the Commission

1. A joint procurement framework for an integrated network of world-class HPC including exascale supercomputing and data infrastructure. It will be accessible on a non-economic basis to public and private users and for publicly funded research purposes.

Amendment

1. A joint procurement framework for an integrated network of world-class HPC including exascale supercomputing and data infrastructure. It will be accessible *to all businesses and public administrations, and* on a non-economic basis to public and private users and for publicly funded research purposes.

Amendment 106

Cláudia Monteiro de Aguiar

Proposal for a regulation

Annex I – part 5 – subpart I – point 4

Text proposed by the Commission

4. Transport, energy and environment: Deploy decentralised solutions and infrastructures required for large-scale digital applications such as smart cities *or* smart rural areas in support of transport, energy and environmental policies.

Amendment

4. Transport, energy and environment: Deploy decentralised solutions and infrastructures required for large-scale digital applications such as smart cities, smart rural areas *or outermost regions* in support of transport, energy and environmental policies.

Or. pt

Amendment 107

Cláudia Monteiro de Aguiar

Proposal for a regulation

Annex I – part 5 – subpart I – point 5

Text proposed by the Commission

5. Education *and culture*: Provide creators and creative industry in Europe with access to latest digital technologies from AI to advanced computing. Exploit the European cultural heritage as a vector to promote cultural diversity, social cohesion and European citizenship. Support the uptake of digital technologies in education.

Amendment

5. Education, *culture and the tourism sector*: Provide creators and creative industry in Europe *and the tourism sector* with access to latest digital technologies from AI to advanced computing. Exploit the European cultural heritage *and the tourism sector* as a vector to promote cultural diversity, social cohesion and European citizenship. Support the uptake of digital technologies in education *and the tourism sector*.

Or. pt